

# Oslo Opera House

case study  
By Qianqian Huang

Location: Bjørvika, Oslo, Norway



**Architect:** Snohetta

**Owner:** Ministry of Church and Cultural Affairs

**Year of completion:** 2007

**Climate:** Continental Subarctic Climate

**Material of interest:** Timber for the 'wave wall'

**Application:** Interior

**Properties of material:** For the wave wall it has a light and varied surface. Oak is used throughout for the floors, walls and ceilings. The wave wall has a complex organic geometri made up of joined cone shapes. It is also an important acoustic attenuator within the foyer space. Inside the auditorium oak has been chosen for a number of reasons: It is dense, easily formed, stable and tactile.

**Material used:** White stone for the 'carpet', timber for the 'wave wall', and metal for the 'factory'.

**Sources:**

Architect website: <http://xn--snhettadesign-cnb.no/>